

TRANSMITTAL FOR U.S. PATENT APPLICATION
UNDER 37 CFR §1.53(b)



Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Docket No. TI-36332 (032350.B531)
Express Mail Certificate
No. EV 324622590 US

Sir:

Transmitted herewith for filing is the original patent application of:

Inventors: Gregory E. Howard and Leland S. Swanson

Filing Date: September 10, 2003

For: *Method and System for Packaging Ball Grid Arrays*

Enclosed are:

X Specification, Claims and Abstract (12 Pages);

X Drawing(s) 2 Total Sheet(s) of X Formal Informal;

X Combined Declaration and Power of Attorney (1 Page)

X Newly executed (original or copy);

X An Assignment (1 Page) of the invention to Texas Instruments Incorporated is attached. A separate cover sheet (1 Page) in compliance with 37 C.F.R. §§ 3.28, .31 is included. Please charge the assignment recordal fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h) to Deposit Account No. 20-0668 of Texas Instruments Incorporated;

X Certificate of Mailing (1 Page);

X Texas Instrument Incorporated Return Receipt Postcard (1);

X Baker Botts L.L.P. Return Receipt Postcard (1);

X This Transmittal (2 pages); and

X Information Disclosure Statement
with PTO 1449 and reference cited;

Applicant is:

X Large Entity
 Small Entity

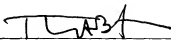
The accompanying application is:

X Original.
 Continuation Divisional Continuation-In-Part (CIP) of prior application No. _____ which is hereby incorporated by reference therein.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
Total Claims	20	- 20	-0-	X \$18.00 =	\$ 750.00
Independent Claims	3	-3	-0-	X \$84.00 =	-0-
TOTAL FILING FEE =					\$ 750.00

X Please charge the filing fee of **\$750.00** and any other fee required by this paper and credit any overpayment to Deposit Account No. 20-0668 of TEXAS INSTRUMENTS INCORPORATED. This document is being transmitted in duplicate.

BAKER BOTTS L.L.P.
Attorneys for Applicants


Thomas A. Beaton
Registration No. 46,543

Date: September 10, 2003

Correspondence Address:

X Customer Number: **23494**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Gregory E. Howard and Leland S. Swanson
Filing Date: September 10, 2003
Title: **METHOD AND SYSTEM FOR PACKAGING
BALL GRID ARRAYS**

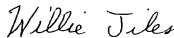
MAIL STOP PATENT APPLICATION

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Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Filing Fee Transmittal (2 pages – in duplicate); Patent Application (12 pages) including Specification, 20 Claims, and Abstract; Formal Drawings (2 Sheets); executed Declaration and Power of Attorney (1 page); executed Assignment (1 page); Assignment Recordation Coversheet (1 page – in duplicate); Information Disclosure Statement (2 pages); PTO Form 1449 (1 page); copies of references cited (acco-bound); Baker Botts L.L.P. return receipt postcard (1 card); Texas Instruments Incorporated return receipt postcard (1 card); and this Certificate of Mailing are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on this 10th day of September, 2003 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Willie Jiles

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